



Wealth Management Global Chief Investment Office 8 December 2023

Weekly Market View

Three lessons from a roller coaster year

- → It has been a turbulent year. We started the year with widespread pessimism across markets in anticipation of recessions in the US and Europe. We end the year with US and European equities approaching all-time highs in anticipation their economies will avoid a recession.
- Meanwhile, the sentiment around China has turned half circle, from optimism at the start of the year to a pervasive mood of doom and gloom.
- → At face value, the vagaries of the market may seem daunting. However, those who followed time-tested investing principles have been well rewarded. For instance, our Balanced Asset Allocation strategy has risen c. 7% YTD.
- → We draw three lessons as the roller coaster year ends: Stay invested, stay nimble, stay calm.

(This is the last edition of the Weekly Market View this year. We will publish our Annual Outlook on 15 December) What are the implications of Moody's downgrade of China's rating outlook on China's USD bonds and CNH?

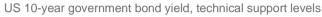
What's next for gold after it made an all-time high?

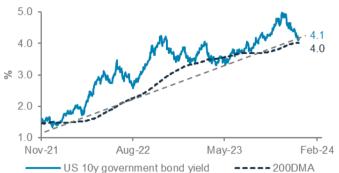
What is the outlook for oil and CAD after the latest OPEC+ and Bank of Canada meetings?

Important disclosures can be found in the Disclosures Appendix.

Charts of the week: A roller coaster year

Bond and equity markets have had a choppy ride this year; risk sentiment is back, having climbed the wall of rates worry







Source: Bloomberg, Standard Chartered

Editorial

Three lessons from a roller coaster year

It has been a turbulent year. We started the year with widespread pessimism across markets in anticipation of recessions in the US and Europe. We end the year with US and European equity markets approaching all-time highs in anticipation their economies will avoid a recession and achieve a soft-landing. Meanwhile, the sentiment around China has turned half circle, from optimism at the start of the year to a pervasive mood of doom and gloom. At face value, the vagaries of the market may seem daunting. However, those who followed some of the time-tested investing principles have been well rewarded. For instance, our Balanced Asset Allocation strategy has risen c. 7% YTD, which would count as an average year for long-term investment returns. We draw three lessons as the roller coaster year ends:

Stay invested: This is the cardinal rule of preserving and growing wealth. Allocating broadly to a foundation portfolio consisting of stocks, bonds and alternative assets, and rebalancing periodically has historically helped seasoned investors beat cash returns and inflation. Those who sold all their equity holdings at the start of the year on worries about an impending recession and moved entirely to the "safety" of Developed Market government bonds made only 2.5% gain, which fell short of even inflation across major markets. Historically, equities outperform a basic diversified allocation on average 7 out of 10 years. Hence, investors need to hold a sizable chunk of their allocation in equities, based on their risk tolerance, to achieve their financial goals over a longer period.

Stay nimble: Staying invested does not mean maintaining the same allocation through market cycles. Maintaining a diversified foundation allocation allows an investor to tactically tweak on the margins to generate any excess returns (the so-called alpha). As the charts above show, this year gave investors ample opportunities to benefit from such tactical shifts. Timing the market to perfection over a sustained period is difficult, even for seasoned professionals. However, as our

record of generating positive average annual alpha over the past six years shows, there is scope to generate excess returns over and above a basic diversified allocation over the long term.

Stay calm and disciplined: Ignoring market mood swings and staying disciplined is one of the cornerstones of a successful investment strategy. We started the year with a pervasive mood of pessimism. The downbeat consensus made it easier for risk assets, albeit led by a narrow group of stocks (such as the "Magnificent Seven" in the US, riding on the Artificial Intelligence wave), to climb the wall of worry in H1. Then, overexuberance met with a resurgence in government bond yields, leading to a sharp pullback in risk assets in Q3. However, both stocks and bonds have rebounded strongly as we head towards the year end. Markets are now expecting the US and Europe to avoid recessions and achieve the so-called soft-landing. This scenario involves inflation continuing to cool (US CPI data due next week), without a significant rise in joblessness, enabling central banks to cut rates early enough to avoid a recession. It is a narrow window, which leaves little room for policy mistakes.

Near-term outlook: Against the above backdrop, how should investors tactically position going into the new year? Our indicators do not suggest excessive exuberance or significantly crowded investor positioning across major asset classes. Hence, we see scope for the prevailing market sentiment to persist in the coming weeks, provided three factors hold: First, economic indicators, especially US job market data, do not deteriorate significantly (watch US jobs data for November tonight; consensus: 183,000 net new jobs). Second, western central bankers do not robustly push back against market expectations of around 4-5 25bps rate cuts in the US and Euro area next year (watch Fed, ECB, BoE meetings next week). Third, the BoJ does not surprise markets on 19 Dec with its first rate hike since 2007 (we do expect a BoJ policy tightening in Q1, though). Our Annual Outlook, to be published on 15 Dec, will have more on our 6-12-month asset allocation strategy.

- Rajat Bhattacharya

The weekly macro balance sheet

Our weekly net assessment: On balance, we see the past week's data and policy as negative for risk assets in the near term

- (+) factors: Resilient US ISM services PMI, improving China Caixin PMI
- (-) factors: China outlook downgrade, slumping US jobs openings

Positive for risk assets

US ISM services rose more than expected to 52.7

- China Caixin manufacturing and services PMI rose more than expected to 50.7 and 51.5, respectively
- Euro area producer prices rose as expected by 0.2% m/m
- China exports rose more than expected by 0.5% y/y

Negative for risk assets

- US job openings slumped more than expected to 8.7m; private payrolls added less jobs than expected at 103k
- US ISM manufacturing still contractionary at 46.7
- US factory orders contracted more than expected by 3.6%
- Euro area retail sales rose less than expected by 0.1% m/m
- Euro area Sentix economic index rose less than expected
- China imports fell unexpectedly by 0.6% y/y

Our assessment: Neutral - Resilient US ISM services PMI, improving China Caixin PMI versus weak US ISM manufacturing PMI, slumping US job openings

developments

Macro data

- ECB's Schnabel indicated a reluctance to hike rates further
- Fed's Powell and ECB's Kazimir pushed back against rate cut expectations

Our assessment: Neutral - Mixed central bank comments

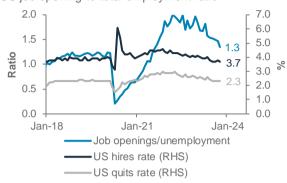
developments

- Moody's downgraded its rating outlook on China to Negative, citing rising debt; China's finance ministry pushed back against the outlook revision
- Israel intensified its offensive against Gaza

Our assessment: Negative - China outlook downgrade

US job market is returning to the pre-COVID trend as the economy cools after a summertime boom

US job opening-to-total employment ratio



Source: Bloomberg; Standard Chartered

Euro area consumption remains tepid, while factory orders continue to face headwinds

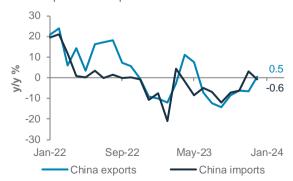
Euro area retail sales and German factory orders



Source: Bloomberg, Standard Chartered

China exports are recovering on the back of a nascent turnaround in the global inventory cycle

China exports and imports



Source: Bloomberg, Standard Chartered

Top client questions

What are the implications of Moody's downgrade of China's debt rating outlook on Chinese USD bonds and CNH?

This week, Moody's cut the ratings outlook for China, Hong Kong, Macao and over 80 Chinese corporate, banks and local government-linked financing vehicles.

In the short-term, we expect the impact on Chinese offshore bonds to be limited as: (i) S&P reaffirmed China's A+ rating and Stable outlook one day after Moody's; (ii) Chinese (quasi)sovereign funding is predominantly raised onshore; and (iii) low spill over risks for non-bank corporates and commercial banks given their strong standalone credit quality and lower reliance on government funding support.

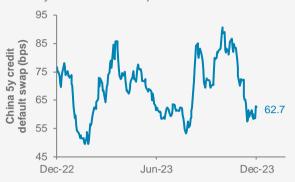
From a currency point of view, we believe technical charts offer a better view on the near-term outlook. Here, the recent crossover of the MACD indicator points towards near-term upward pressure on USD/CNH. The Bollinger band contracted, indicating the pair is entering a less volatile period. Therefore, we expect the pair to test its 50DMA at 7.2620 in the next few trading sessions.

- Cedric Lam, Senior Investment Strategist

- Iris Yuen, Investment Strategist

Impact on China's credit markets have been fairly minimal following Moody's rating outlook downgrade

China 5y credit default swap



Source: Bloomberg, Standard Chartered

What are your views on Indian and Chinese equities?

Indian equities hit a new all-time high this week. The success of Prime Minister Modi's Bharatiya Janata Party in recent state elections is likely to result in a continuity in policies. Demographics is positive, with nearly 70% of India's 1.4bn population in the working-age bracket. Domestic consumption is strong, with India projected to contribute around 40% to global middle-class consumption by 2050 – a massive increase from the current 5%. Favourable policies, such as the replacement of complicated local taxes by a nationwide goods and services tax, and infrastructure development have added to the positive sentiment.

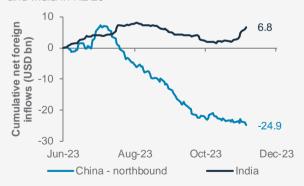
That said, valuation continues to be the key counterpoint against a more constructive view on Indian equities. The P/E ratio is now approaching that of US equities and is nearly double the ratio for the MSCI Emerging Markets (EM) index. Historically, when Indian equities reached similar valuations in the last 30 years, periods of stagnation followed.

Meanwhile, Chinese equities have been suffering from weak economic growth, lacklustre forward guidance from key companies and the downgraded credit outlook. However, valuation is at a deep discount versus the historical range, and positioning is light. The upcoming Central Economic Conference may offer the prospect of further stimulus.

— Daniel Lam, Head, Equity Strategy

Sharp contrast in foreign investor sentiment towards India vs. China

Cumulative net foreign inflow in China (northbound) and India in H2'23



Source: Bloomberg, Standard Chartered

Top client questions (cont'd)

What is the outlook for oil and the CAD following the OPEC+ and BoC meetings?

The selloff in oil prices this week, despite deeper output cuts from OPEC+, confounded investors. Some possible explanations include:

- The additional 1mb/d cut is not formalized in the new output targets.
- 2. Macro data, notably US job openings and ISM manufacturing, surprised to the downside, raising demand worries.
- 3. While US inventories snapped six consecutive weeks of build, market participants focused on the still-elevated US output.

Nevertheless, we expect OPEC+ to follow through with significant cuts, which should keep oil markets relatively tight in the near term. This should help oil prices to recover near-term.

A rebound in oil prices would normally be positive for the CAD. However, we need to balance this with the BoC outlook. The central bank held its policy rate at a 22-year high for a third straight meeting. It left the door open to another hike amid concerns about elevated inflation (still above 2% target) while acknowledging the economic slowdown and disinflationary trend. On balance, we see a narrow trading range of 1.3380-1.3790 for USD/CAD in the next few weeks.

Zhong Liang Han, CFA, Investment Strategist
 Iris Yuen, Investment Strategist

Any rebound in oil prices would normally be positive for the CAD

USD/CAD and oil prices



Source: Bloomberg, Standard Chartered

What's next for gold after it made an all-time high?

Gold has been on a tear in the last four weeks, breaking several technical levels. It set a new daily closing all-time high of USD 2,072/oz and an intraday trading high of USD 2,135/oz.

Receding real (net-of-inflation) yields and fading USD strength can explain part of the gold surge. However, positive seasonality is likely another driver. Data since 2002 show that gold returns improve in November and stay elevated till February. This period coincides with the festive period of Diwali and Chinese New Year – when gold demand spikes in India and China, the two largest jewellery markets.

From here, seasonality by itself is likely to be insufficient to boost gold to fresh record highs. Real yields and the USD need to continue their down move – here, we see a few near-term hurdles. Moreover, technical factors, while not a headwind, are not supportive either. The Relative Strength Index and the stochastic oscillator indicator are in neutral territory. The Moving Average Convergence Divergence indicator, a trend-following momentum indicator, is giving a mildly bearish signal. On balance, we expect a rangebound outcome in the short term, with USD 2,000/oz and USD 2,100/oz acting as the key support and resistance levels, respectively.

— Zhong Liang Han, CFA, Investment Strategist

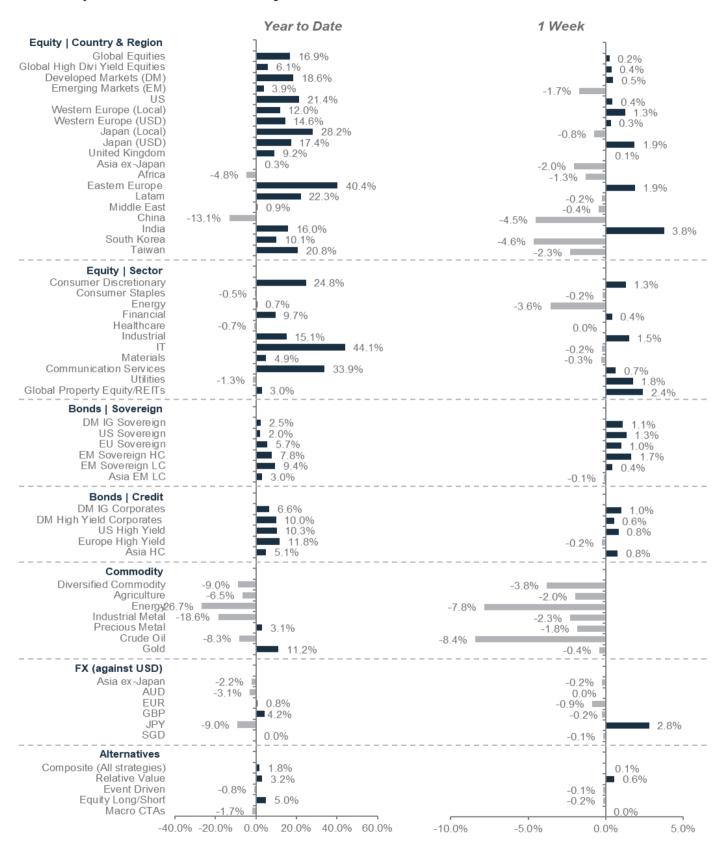
The Nov-Feb period has historically been strong for gold returns

Average monthly gold returns since 2002



Source: Bloomberg, Standard Chartered

Market performance summary *



Sources: MSCI, JP Morgan, Barclays Capital, Citigroup, Dow Jones, HFRX, FTSE, Bloomberg, Standard Chartered
*Performance in USD terms unless otherwise stated, 2023 YTD performance from 31 December 2022 to 07 December 2023; 1-week period: 30 November 2023 to 07 December 2023

Our 12-month asset class views at a glance

Asset class				
Equities	•	Preferred Sectors		
Euro area	▼	US Communication		
US	A	US Technology	A	
UK	•	US Healthcare	A	
Asia ex-Japan	•	Europe Technology	A	
Japan	A	Europe Healthcare		
Other EM	•	China Discretionary	A	
		China Communication	A	
Bonds (Credit)	•			
Asia USD	•	Alternatives	•	
Corp DM HY	▼			
Govt EM USD	•	Gold	•	
Corp DM IG	•			
Bonds (Govt)				
Govt EM Local	A			
Govt DM IG				

Source: Standard Chartered Global Investment Committee

Legend: ▲ Most preferred | ▼ Less preferred | ◆ Core holding

The next support for the US 10-year yield is at 4.08%

Technical indicators for key markets as of 07 December close

Index	Spot	1st support	1st resis- tance	12m forward P/E (x)	12m forward dividend yield (%)
S&P 500	4,586	4,558	4,604	19.0	1.6
STOXX 50	4,474	4,431	4,500	12.3	4.0
FTSE 100	7,514	7,493	7,532	10.6	4.4
Topix	2,360	2,339	2,384	14.4	2.5
Shanghai Comp	2,966	2,944	3,010	9.8	3.7
Hang Seng	16,346	16,172	16,675	7.7	4.6
Nifty 50	20,901	20,467	21,137	19.7	1.6
MSCI Asia ex-Japan	608	605	613	12.0	2.8
MSCI EM	970	966	978	11.4	3.6
WTI (Spot)	69.3	67.8	72.5	na	na
Gold	2,028	2,008	2,061	na	na
UST 10Y Yield	4.15	4.08	4.23	na	na

Source: Bloomberg, Standard Chartered

Note: These short-term technical levels are based on models and may differ from a more qualitative analysis provided in other pages

Economic and market calendar

	Event	Next week	Period	Expected	Prior
MON					
TUE	EC US	ZEW Survey Expectations CPI y/y	Dec Nov	3.1%	13.8 3.2%
WED	US	PPI Final Demand yy/	Nov	_	1.3%
	US	FOMC Rate Decision (Upper Bound)	12/13/ 2023	5.5%	5.5%
THU	UK	Bank of England Bank Rate	12/14/ 2023	_	5.3%
	EC	ECB Deposit Facility Rate	12/14/ 2023	_	4.0%
	US	Retail Sales Ex Auto and Gas	Nov	0.2%	0.1%
	CH CH	Industrial Production y/y Retail Sales y/y	Nov Nov	5.7% 12.5%	
	СН	Fixed Assets Ex Rural YTD y/y	Nov	3.0%	2.9%
	EC	HCOB Eurozone Manufacturing PMI	Dec P	_	44.2
FRI/SA	EC	HCOB Eurozone Services PMI	Dec P	_	48.7
	UK	S&P Global/CIPS UK Manufacturing PMI	Dec P	_	47.2
	UK	S&P Global/CIPS UK Services PMI	Dec P	_	50.9
	US	Industrial Production m/m	Nov	0.2%	-0.6%
	US	S&P Global US Manufacturing PMI	Dec P	_	49.4
	US	S&P Global US Services PMI	Dec P	_	50.8

Source: Bloomberg, Standard Chartered

P - preliminary data, F - final data, sa - seasonally adjusted, y/y - year-

on-year, m/m - month-on-month

Investor diversity remains broad-based across markets

Our proprietary market diversity indicators as of 07 December

Level 1	Diversity	1-month trend	Fractal dimension
Global Bonds		lack	1.46
Global Equities	•	^	1.69
Gold		\downarrow	1.43
Equity			
MSCI US	•	^	1.69
MSCI Europe	•	^	1.55
MSCI AC AXJ		^	1.73
Fixed Income			
DM Corp Bond	•	\rightarrow	1.45
DM High Yield	•	\rightarrow	1.44
EM USD		\rightarrow	1.51
EM Local	•	^	1.45
Asia USD		\rightarrow	1.54
Currencies			
DXY		\rightarrow	1.72

Source: Bloomberg, Standard Chartered; Fractal dimensions below 1.25 indicate extremely low market diversity/high risk of a reversal

Legend: ● High | ● Low to mid | ○ Critically low

For more CIO Office insights



SC Money Insights

3 podcasts shows on Spotify, Apple, and Google platforms

Cut to the Chase!

Daily update on what happened overnight and what to look out for

For clients who are more sophisticated investors who are looking for shorter term trading opportunities or advice on timing portfolio additions

Through the Noise

Weekly update on financial markets, implications for our outlook and call to action actions

For clients who are less experienced investors trying to build/maintain a diversified allocation

Invests

Helping investors adopt healthy investment techniques

For clients who are less experienced investors or Investors with bad investment experiences













Speak to your Relationship Manager/Investment Advisor today for access to our security specific publications.

Disclosures

This document is confidential and may also be privileged. If you are not the intended recipient, please destroy all copies and notify the sender immediately. This document is being distributed for general information only and is subject to the relevant disclaimers available at our Standard Chartered website under Regulatory disclosures. It is not and does not constitute research material, independent research, an offer, recommendation or solicitation to enter into any transaction or adopt any hedging, trading or investment strategy, in relation to any securities or other financial instruments. This document is for general evaluation only. It does not take into account the specific investment objectives, financial situation or particular needs of any particular person or class of persons and it has not been prepared for any particular person or class of persons. You should not rely on any contents of this document in making any investment decisions. Before making any investment, you should carefully read the relevant offering documents and seek independent legal, tax and regulatory advice. In particular, we recommend you to seek advice regarding the suitability of the investment product, taking into account your specific investment objectives, financial situation or particular needs, before you make a commitment to purchase the investment product. Opinions, projections and estimates are solely those of SCB at the date of this document and subject to change without notice. Past performance is not indicative of future results and no representation or warranty is made regarding future performance. Any forecast contained herein as to likely future movements in rates or prices or likely future events or occurrences constitutes an opinion only and is not indicative of actual future movements in rates or prices or actual future events or occurrences (as the case may be). This document must not be forwarded or otherwise made available to any other person without the express written consent of the Standard Chartered Group (as defined below). Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. Standard Chartered PLC, the ultimate parent company of Standard Chartered Bank, together with its subsidiaries and affiliates (including each branch or representative office), form the Standard Chartered Group. Standard Chartered Private Bank is the private banking division of Standard Chartered. Private banking activities may be carried out internationally by different legal entities and affiliates within the Standard Chartered Group (each an "SC Group Entity") according to local regulatory requirements. Not all products and services are provided by all branches, subsidiaries and affiliates within the Standard Chartered Group, Some of the SC Group Entities only act as representatives of Standard Chartered Private Bank and may not be able to offer products and services or offer advice to clients. ESG data has been provided by Morningstar and Sustainalytics. Refer to the Morningstar website under Sustainable Investing and the Sustainalytics website under ESG Risk Ratings for more information. The information is as at the date of publication based on data provided and may be subject to change.

Copyright © 2023, Accounting Research & Analytics, LLC d/b/a CFRA (and its affiliates, as applicable). Reproduction of content provided by CFRA in any form is prohibited except with the prior written permission of CFRA. CFRA content is not investment advice and a reference to or observation concerning a security or investment provided in the CFRA SERVICES is not a recommendation to buy, sell or hold such investment or security or make any other investment decisions. The CFRA content contains opinions of CFRA based upon publicly-available information that CFRA believes to be reliable and the opinions are subject to change without notice. This analysis has not been submitted to, nor received approval from, the United States Securities and Exchange Commission or any other regulatory body. While CFRA exercised due care in compiling this analysis, CFRA, ITS THIRD-PARTY SUPPLIERS, AND ALL RELATED ENTITIES SPECIFICALLY DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, to the full extent permitted by law, regarding the accuracy, completeness, or usefulness of this information and assumes no liability with respect to the consequences of relying on this information for investment or other purposes. No content provided by CFRA (including ratings, creditrelated analyses and data, valuations, model, software or other application or output therefrom) or any part thereof may be modified, reverse engineered, reproduced or distributed in any form by any means, or stored in a database or retrieval system, without the prior written permission of CFRA, and such content shall not be used for any unlawful or unauthorized purposes. CFRA and any thirdparty providers, as well as their directors, officers, shareholders, employees or agents do not guarantee the accuracy, completeness, timeliness or availability of such content. In no event shall CFRA, its affiliates, or their third-party suppliers be liable for any direct, indirect, special, or consequential damages, costs, expenses, legal fees, or losses (including lost income or lost profit and opportunity costs) in connection with a subscriber's, subscriber's customer's, or other's use of CFRA's content.

Market Abuse Regulation (MAR) Disclaimer

Banking activities may be carried out internationally by different branches, subsidiaries and affiliates within the Standard Chartered Group according to local regulatory requirements. Opinions may contain outright "buy", "sell", "hold" or other opinions. The time horizon of this opinion is dependent on prevailing market conditions and there is no planned frequency for updates to the opinion. This opinion is not independent of Standard Chartered Group's trading strategies or positions. Standard Chartered Group and/or its

affiliates or its respective officers, directors, employee benefit programmes or employees, including persons involved in the preparation or issuance of this document may at any time, to the extent permitted by applicable law and/or regulation, be long or short any securities or financial instruments referred to in this document or have material interest in any such securities or related investments. Therefore, it is possible, and you should assume, that Standard Chartered Group has a material interest in one or more of the financial instruments mentioned herein. Please refer to our Standard Chartered website under Regulatory disclosures for more detailed disclosures, including past opinions/ recommendations in the last 12 months and conflict of interests, as well as disclaimers. A covering strategist may have a financial interest in the debt or equity securities of this company/issuer. This document must not be forwarded or otherwise made available to any other person without the express written consent of Standard Chartered Group.

Country/Market Specific Disclosures

Botswana: This document is being distributed in Botswana by, and is attributable to, Standard Chartered Bank Botswana Limited which is a financial institution licensed under the Section 6 of the Banking Act CAP 46.04 and is listed in the Botswana Stock Exchange. Brunei Darussalam: This document is being distributed in Brunei Darussalam by, and is attributable to, Standard Chartered Bank (Brunei Branch) | Registration Number RFC/61 and Standard Chartered Securities (B) Sdn Bhd | Registration Number RC20001003. Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18 and Standard Chartered Securities (B) Sdn Bhd, which is a limited liability company registered with the Registry of Companies with Registration Number RC20001003 and licensed by Brunei Darussalam Central Bank as a Capital Markets Service License Holder with License Number AMBD/R/CMU/S3-CL and authorised to conduct Islamic investment business through an Islamic window. China Mainland: This document is being distributed in China by, and is attributable to, Standard Chartered Bank (China) Limited which is mainly regulated by China Banking and Insurance Regulatory Commission (CBIRC), State Administration of Foreign Exchange (SAFE), and People's Bank of China (PBOC). Hong Kong: In Hong Kong, this document, except for any portion advising on or facilitating any decision on futures contracts trading, is distributed by Standard Chartered Bank (Hong Kong) Limited ("SCBHK"), a subsidiary of Standard Chartered PLC. SCBHK has its registered address at 32/F, Standard Chartered Bank Building, 4-4A Des Voeux Road Central, Hong Kong and is regulated by the Hong Kong Monetary Authority and registered with the Securities and Futures Commission ("SFC") to carry on Type 1 (dealing in securities), Type 4 (advising on securities), Type 6 (advising on corporate finance) and Type 9 (asset management) regulated activity under the Securities and Futures Ordinance (Cap. 571) ("SFO") (CE No. AJI614). The contents of this document have not been reviewed by any regulatory authority in Hong Kong and you are advised to exercise caution in relation to any offer set out herein. If you are in doubt about any of the contents of this document, you should obtain independent professional advice. Any product named herein may not be offered or sold in Hong Kong by means of any document at any time other than to "professional investors" as defined in the SFO and any rules made under that ordinance. In addition, this document may not be issued or possessed for the purposes of issue, whether in Hong Kong or elsewhere, and any interests may not be disposed of, to any person unless such person is outside Hong Kong or is a "professional investor" as defined in the SFO and any rules made under that ordinance, or as otherwise may be permitted by that ordinance. In Hong Kong, Standard Chartered Private Bank is the private banking division of Standard Chartered Bank (Hong Kong) Limited, a subsidiary of Standard Chartered PLC. Ghana: Standard Chartered Bank Ghana Limited accepts no liability and will not be liable for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) from your use of these documents. Past performance is not indicative of future results and no representation or warranty is made regarding future performance. You should seek advice from a financial adviser on the suitability of an investment for you, taking into account these factors before making a commitment to invest in an investment. To unsubscribe from receiving further updates, please send an email to feedback . ghana @ sc . com. Please do not reply to this email. Call our Priority Banking on 0302610750 for any questions or service queries. You are advised not to send any confidential and/or important information to the Bank via e-mail, as the Bank makes no representations or warranties as to the security or accuracy of any information transmitted via e-mail. The Bank shall not be responsible for any loss or damage suffered by you arising from your decision to use e-mail to communicate with the Bank. India: This document is being distributed in India by Standard Chartered Bank in its capacity as a distributor of mutual funds and referrer of any other third party financial products. Standard Chartered Bank does not offer any 'Investment Advice' as defined in the Securities and Exchange Board of India (Investment Advisers) Regulations, 2013 or otherwise. Services/products related securities business offered by Standard Charted Bank are not intended for any person, who is a resident of any jurisdiction, the laws of which imposes prohibition on soliciting the securities business in that jurisdiction without going through the registration requirements and/or prohibit the use of any information contained in this document. Indonesia: This document is being distributed in Indonesia by Standard Chartered Bank, Indonesia branch, which is a financial institution licensed, registered and supervised by Otoritas Jasa Keuangan (Financial Service Authority). Jersey: In Jersey, Standard Chartered Private Bank is the Registered Business Name of the Jersey Branch of Standard Chartered Bank. The Jersey Branch of Standard Chartered Bank is regulated by the Jersey Financial Services Commission. Copies of the latest audited accounts of Standard Chartered Bank are available from its principal place of business in Jersey: PO Box 80, 15 Castle Street, St Helier, Jersey JE4 8PT. Standard Chartered Bank is incorporated in England with limited liability by Royal Charter in 1853 Reference Number ZC 18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. The Jersey Branch of Standard Chartered Bank is also an authorised financial services provider under license number 44946 issued by the Financial Sector Conduct Authority of the Republic of South Africa. Jersey is not part of the United Kingdom and all business transacted with Standard Chartered Bank, Jersey Branch and other SC Group Entity outside of the United Kingdom, are not subject to some or any of the investor protection and compensation schemes available under United Kingdom law. Kenya: This document is being distributed in Kenya by, and is attributable to Standard Chartered Bank Kenya Limited. Investment Products and Services are distributed by Standard Chartered Investment Services Limited, a wholly owned subsidiary of Standard Chartered Bank Kenya Limited (Standard Chartered Bank/the Bank) that is licensed by the Capital Markets Authority as a Fund Manager. Standard Chartered Bank Kenya Limited is regulated by the Central Bank of Kenya, Malaysia: This document is being distributed in Malaysia by Standard Chartered Bank Malaysia Berhad, Recipients in Malaysia should contact Standard Chartered Bank Malaysia Berhad in relation to any matters arising from, or in connection with, this document. Nigeria: This document is being distributed in Nigeria by Standard Chartered Bank Nigeria Limited ("the Bank"), a bank duly licensed and regulated by the Central Bank of Nigeria. The Bank accepts no liability for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) from your use of these documents. You should seek advice from a financial adviser on the suitability of an investment for you, taking into account these factors before making a commitment to invest in an investment. To unsubscribe from receiving further updates, please send an email to clientcare . ng @ sc . com requesting to be removed from our mailing list. Please do not reply to this email. Call our Priority Banking on 01-2772514 for any questions or service queries. The Bank shall not be responsible for any loss or damage arising from your decision to send confidential and/or important information to the Bank via e-mail, as the Bank makes no representations or warranties as to the security or accuracy of any information transmitted via e-mail. Pakistan: This document is being distributed in Pakistan by, and attributable to Standard Chartered Bank (Pakistan) Limited having its registered office at PO Box 5556, I.I Chundrigar Road Karachi, which is a banking company registered with State Bank of Pakistan under Banking Companies Ordinance 1962 and is also having licensed issued by Securities & Exchange Commission of Pakistan for Security Advisors. Standard Chartered Bank (Pakistan) Limited acts as a distributor of mutual funds and referrer of other third-party financial products. Singapore: This document is being distributed in Singapore by, and is attributable to, Standard Chartered Bank (Singapore) Limited (Registration No. 201224747C/ GST Group Registration No. MR-8500053-0, "SCBSL"). Recipients in Singapore should contact SCBSL in relation to any matters arising from, or in connection with, this document. SCBSL is an indirect wholly owned subsidiary of Standard Chartered Bank and is licensed to conduct banking business in Singapore under the Singapore Banking Act, 1970. Standard Chartered Private Bank is the private banking division of SCBSL. IN RELATION TO ANY SECURITY OR SECURITIES-BASED DERIVATIVES CONTRACT REFERRED TO IN THIS DOCUMENT, THIS DOCUMENT, TOGETHER WITH THE ISSUER DOCUMENTATION, SHALL BE DEEMED AN INFORMATION MEMORANDUM (AS DEFINED IN SECTION 275 OF THE SECURITIES AND FUTURES ACT, 2001 ("SFA")). THIS DOCUMENT IS INTENDED FOR DISTRIBUTION TO ACCREDITED INVESTORS, AS DEFINED IN SECTION 4A(1)(a) OF THE SFA, OR ON THE BASIS THAT THE SECURITY OR SECURITIES-BASED DERIVATIVES CONTRACT MAY ONLY BE ACQUIRED AT A CONSIDERATION OF NOT LESS THAN \$\$200,000 (OR ITS EQUIVALENT IN A FOREIGN CURRENCY) FOR EACH TRANSACTION. Further, in relation to any security or securities-based derivatives contract, neither this document nor the Issuer Documentation has been registered as a prospectus with the Monetary Authority of Singapore under the SFA. Accordingly, this document and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the product may not be circulated or distributed, nor may the product be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons other than a relevant person pursuant to section 275(1) of the SFA, or any person pursuant to section 275(1A) of the SFA, and in accordance with the conditions specified in section 275 of the SFA, or pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA. In relation to any collective investment schemes referred to in this document, this document is for general information purposes only and is not an offering document or prospectus (as defined in the SFA). This document is not, nor is it intended to be (i) an offer or solicitation of an offer to buy or sell any capital markets product; or (ii) an advertisement of an offer or intended offer of any capital markets product. Deposit Insurance Scheme: Singapore dollar deposits of non-bank depositors are insured by the Singapore Deposit Insurance Corporation, for up to \$\$75,000 in aggregate per depositor per Scheme member by law. Foreign currency deposits, dual currency investments, structured deposits and other investment products are not insured. This advertisement has not been reviewed by the Monetary Authority of Singapore. Taiwan: Standard Chartered Bank ("SCB") or Standard Chartered Bank (Taiwan) Limited ("SCB (Taiwan)") may be involved in the financial instruments contained herein or other related financial instruments. The author of this document may have discussed the information contained herein with other employees or agents of SCB or SCB (Taiwan). The author and the abovementioned employees of SCB or SCB (Taiwan) may have taken related actions in respect of the information involved (including communication with customers of SCB or SCB (Taiwan) as to the information contained herein). The opinions contained in this

document may change, or differ from the opinions of employees of SCB or SCB (Taiwan). SCB and SCB (Taiwan) will not provide any notice of any changes to or differences between the above-mentioned opinions. This document may cover companies with which SCB or SCB (Taiwan) seeks to do business at times and issuers of financial instruments. Therefore, investors should understand that the information contained herein may serve as specific purposes as a result of conflict of interests of SCB or SCB (Taiwan). SCB, SCB (Taiwan), the employees (including those who have discussions with the author) or customers of SCB or SCB (Taiwan) may have an interest in the products, related financial instruments or related derivative financial products contained herein; invest in those products at various prices and on different market conditions; have different or conflicting interests in those products. The potential impacts include market makers' related activities, such as dealing, investment, acting as agents, or performing financial or consulting services in relation to any of the products referred to in this document. UAE: DIFC - Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD, Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. Standard Chartered Bank, Dubai International Financial Centre having its offices at Dubai International Financial Centre, Building 1, Gate Precinct, P.O. Box 999, Dubai, UAE is a branch of Standard Chartered Bank and is regulated by the Dubai Financial Services Authority ("DFSA"). This document is intended for use only by Professional Clients and is not directed at Retail Clients as defined by the DFSA Rulebook. In the DIFC we are authorised to provide financial services only to clients who qualify as Professional Clients and Market Counterparties and not to Retail Clients. As a Professional Client you will not be given the higher retail client protection and compensation rights and if you use your right to be classified as a Retail Client we will be unable to provide financial services and products to you as we do not hold the required license to undertake such activities. For Islamic transactions, we are acting under the supervision of our Shariah Supervisory Committee. Relevant information on our Shariah Supervisory Committee is currently available on the Standard Chartered Bank website in the Islamic banking section For residents of the UAE - Standard Chartered Bank UAE does not provide financial analysis or consultation services in or into the UAE within the meaning of UAE Securities and Commodities Authority Decision No. 48/r of 2008 concerning financial consultation and financial analysis. Uganda: Our Investment products and services are distributed by Standard Chartered Bank Uganda Limited, which is licensed by the Capital Markets Authority as an investment adviser. United Kingdom: In the UK, Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. This communication has been approved by Standard Chartered Bank for the purposes of Section 21 (2) (b) of the United Kingdom's Financial Services and Markets Act 2000 ("FSMA") as amended in 2010 and 2012 only. Standard Chartered Bank (trading as Standard Chartered Private Bank) is an authorised financial services provider (license number 45747) in terms of the South African Financial Advisory and Intermediary Services Act, 2002. Vietnam: This document is being distributed in Vietnam by, and is attributable to, Standard Chartered Bank (Vietnam) Limited which is mainly regulated by State Bank of Vietnam (SBV). Recipients in Vietnam should contact Standard Chartered Bank (Vietnam) Limited for any queries regarding any content of this document. Zambia: This document is distributed by Standard Chartered Bank Zambia Plc, a company incorporated in Zambia and registered as a commercial bank and licensed by the Bank of Zambia under the Banking and Financial Services Act Chapter 387 of the Laws of Zambia.